**CLASS NO 2  *Project Scaffolding in React***

React ma project create karne ke 2 tareeqe hote hain dono sa file create hoti ha react ki

### 1) Create React App 2) Vite

### 1) Create React App

1. Sabse pehle **Terminal** open karo and apni location select karo jaha folder create karna ha.
2. Type karo 🡪 npx create-react-app project-name.
3. Phir **VS Code** open karo → Add folder to workspace karke project open karo.
4. Ab kuch files nazar aayengi, jaise.

#### *Package.json*

* Package.json ek config file hoti hai jisme sari used libraries aur unki versions likhi hoti hain.
* React ek library hai, aur isko banane ke liye core JS ke saath kuch extra libraries bhi hoti hain.
* Kuch libraries **private** hoti hain aur kuch **public**.
* Agar kisi library ki zarurat ho to hum install kare ga khud sa for example (Router).
* Age node\_Module file ha to npx install skill kar do.
* After that type in vs code terminal bash npm start wait 30s the react spinner come it’s mean file run without error.
* Now we go to App.js & select all then remove all clear all thing ab ham apna function bnaye ga.
* 2 type ka function honge first is arrow function second is normal jo sahi lage bna lo setup user interface code

Const App = () =>{  
  
 return(  
 <div>  
   
 <h1> Hello… </h1>  
  
 </div>  
 )  
}   
  
export default App;  
  
 **2) Vite**  
  
Agar aap new folder kisi specific location par banana chahte ho to terminal mein likho:  
  
mkdir folder-name // Make directory   
  
cd folder-name // Change directory  
  
Ab type karo  
  
npm create vite@latest react-start (yha aap project name like react-start)

Select karo  
  
 React → JavaScript

Phir type karo → cd react-start → code . (automatic vs code open)   
  
Then open terminal install node\_module if u don’t see in your vs code then npm run dev  
  
you will see a localhost port click on this If react spinner come to apki file without error run ho rhi ha

### 🔧 Port Change Karna (optional)

Agar aap port change karna chaahte ho to vite.config.js file mein:

server: {

port: 3000

}